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Honouring former premier
at UTM — page 3

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# CALL FOR PARTICIPATION:

AWEX Awards
Nominations for
the U of T Alumni
Association's Awards
of Excellence close

Dec. 1. The association urges you to nominate an outstanding faculty member, staff member, student or alumnus/a for an award acknowledging outstanding achievement and commitment to enhancing the university experience. Please visit http://alumni. uutoronto.ca/s/731/index. aspx?sid=731&gid=1&pgid=663

WWW.NEWS.UTORONTO.CA/
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# U OF T AMONG CANADA'S TOP 100 EMPLOYERS

BY ELAINE SMITH

**U of T** has been named one of Canada's Top 100 Employers for 2011 in the annual competition run by Mediacorp Canada Inc.

This is the fourth time the university has been named to the list of exemplary employers in the 11 years the competition has been held. It is one of only four post-secondary institutions so honoured for 2011.

Mediacorp, which is a specialty publisher of employment guides and periodicals, invited 12,500 employers across Canada to take part in the competition. U of T was selected from among 2,750 organizations across the country who submitted applications for the competition. Those chosen for the Top 100 vary widely in size and field of expertise.

Membership on the coveted list is based on eight criteria: health, financial and family benefits; vacation and time off; employee communications; physical workplace; work and social atmosphere; performance management; training and skills development; and community involvement.



"Despite challenging economic times, we've seen strong interest by employers in maintaining and improving the working conditions they offer to employees," said Richard Yerema, who is Mediacorp's managing editor of the Top 100 project. "Many of this year's winners have learned from past economic slowdowns that you can do lasting damage to an organization by scaling back on benefits that are important to employees."

This is certainly true at U of T, where a commitment to excellence has always extended to the workplace itself. The honour is particularly gratifying given the current economic climate and the financial constraints such a climate fosters.

"We are delighted and proud to receive such recognition," said Professor **Angela Hildyard**, vice-president (human resources and equity). "We have worked hard over last several years to enhance the working environment for faculty and staff, including adding a childcare benefit through negotiations, increasing communication and providing more opportunities for personal and professional

··· U OF T ON PAGE 4



Education helped lift Professor Deep Saini, new vice-president and principal of U of T Mississauga, and his family out of poverty.

# UTM's Saini speaks of the power of education at his installation

BY NICOLLE WAHL

For Professor Deep Saini, it has been a long journey from his first lessons as a young boy, sitting on a dusty jute rug on the floor in Punjab. As the grandson of a subsistence farmer who lived in "grinding poverty," he and his family turned around their fortunes through the power of education — a path culminating in the ceremony in which he was formally installed as vice-president and principal of U of T Mississauga Oct. 20.

Saini's family and friends, faculty and staff and invited guests looked on as a piper led the lengthy academic procession — which included representatives of every academic department and recent honorary degree recipient Mayor Hazel McCallion — into the gymnasium of the Recreation, Athletics and Wellness Centre.

A variety of speakers brought greetings and well wishes to Saini. President **David Naylor** reflected on Saini's international experience and his strong academic background, noting that along with his administrative expertise, Saini's research into how plants thrive (or not) in harsh conditions has critical implications for maximizing food production in an increasingly crowded world.

He then administered the oath of office and representatives of the campus' undergraduate and graduate students and alumni helped to robe Saini in the formal gown and mortar of the principal, edged in green and gold and with the insignia of Erindale College.

In her comments, McCallion emphasized the strong ties between the city and the campus and thanked Professor **Ian Orchard**, past vice-president and

principal. Warren Edgar, a 1987 U of T Mississauga graduate and president of the campus' Alumni Association, warned the president that if Saini is as dogged a leader as he is a golfer, Naylor might just want to let Saini "run with his future projects."

Saini spoke of the "transformative" impact of education in his own life and how it changed the history of his family. Along the way, he received tremendous support from three groups: his teachers and mentors; his colleagues; and, most of all, his family.

An emotional Saini told the audience of a pivotal moment in his own past when he was faced with the decision to finish his studies and pursue a job in India or to travel to Australia for the opportunity to obtain his PhD in plant physiology. Feeling somewhat ambivalent about his choice, he returned to his hometown and put the question to his father, who listened in silence. The elder Saini then rose, left the house and returned within the hour with an envelope containing 10,000 Indian rupees - the cost of a ticket to Australia. In honour of his father, who was not well enough to travel from India to see the installation, Saini announced the creation of a Saini family entrance scholarship.

Saini also addressed the opportunities for U of T Mississauga in the years ahead, such as those related to the Health Sciences Complex and the synergies possible with local industries involving health care and life and social sciences. He pledged to keep the "town and gown" relationship strong, aim for global impact and protect the student-friendly nature of the campus.

## LETTER FROM THE EDITOR

# Our series ...

**about volunteerism**, the brainchild of writer **Jennifer Lanthier**, has focused attention on the large number of faculty and staff who donate time outside of work to better the larger community. In this issue, we profile a staff member who is assisting the broader community through his volunteer work on campus. His goal is to make a success of the university's United Way campaign at U of T Mississauga (see page 7).

**Paul Handley** grew up in a community where people gave generously of their time and he is following suit in his role as United Way co-chair at U of T Mississauga, assisting in organizing campus fundraisers and attending the numerous events to show his support.

His efforts raise the question: If a staff member can devote time and energy to a cause that benefits our neighbours and friends, why is it so hard for us to offer a few dollars each month to that same cause, one the university wholeheartedly supports? Payroll deductions make it so simple that we will never even realize it's gone. A few dollars is probably what many of us spend on coffee daily. Imagine what benefit would come from devoting the cost of just one of those monthly cups of coffee to an organization that offers summer recreation for youth, providing them engaging alternatives to hanging around on street corners. Or to a program that helps employ some of Toronto's homeless population. All for the cost of bypassing a trip to Second

Cup or Starbucks.

As you'll note from the United Way supplement enclosed in this edition of the Bulletin, most of the university's giving comes from larger leadership donations. It's wonderful to know that those who earn the most feel an obligation to give something back to the community, but what about the rest of us? When we all have stable jobs with good benefits and generous vacation time, what's our excuse for not giving

the equivalent of a monthly cup of coffee to a worthwhile cause? **Molly Yeomans**, our U of T employee campaign chair, has set a 2010 goal of \$1 million raised across all three campuses. Be part of the effort that breaks that barrier (**www.unitedway.utoronto.ca**) and feel even better about the next cup of java you drink.

Regards,



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# Tips for completing your Speaking Up Staff and Faculty Experience Survey

By now, staff and faculty will have received an invitation from Ipsos Reid to participate in the University's Speaking Up Staff and Faculty Experience Survey. More information about the survey is available at www.hrandequity. utoronto.ca/news/survey.htm. You have until Nov. 12 at 5 p.m. to complete your survey and tell the university what you think about your working experience. Here is some information that may assist you in completing your survey, if you have not yet done so.

#### Online surveys

On Oct. 18, faculty and staff who have an email address on the university's Human Resources Information System (HRIS) received an email invitation from Ipsos Reid to complete the online survey. Here are some tips for completing the survey online:

- 1. Your emailed survey invitation came from speakingup@ipsos-research.com.
- 2. If you have not yet received your email invitation, check your junk or spam folder. If it's not there, please email speakingup.survey@utoronto. ca or call 416-978-5699 or 416-978-1855.
- 3. Keep the invitation email handy. The email contains the unique web link for your survey. Please do not forward it to anyone else everyone has a unique web link that has been individually emailed.
- 4. Book time in your calendar to complete your survey. It only takes 30 minutes.
- 5. You can save your responses in sections and

return as many times as you wish to finish your survey.

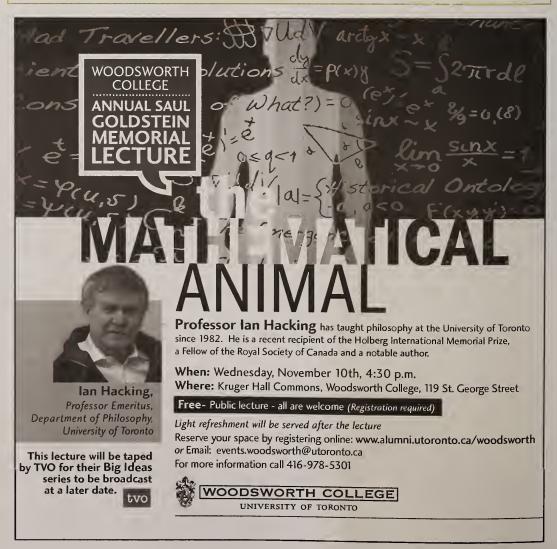
- 6. The online survey is screen reader-enabled and available in larger text. Click your unique web link to access the instructions for these versions of the survey.
- 7. Technical issues with your survey? Email speakingup@ipsos-research.com.

#### Paper surveys

During the week of Oct. 18, faculty and staff without email addresses on HRIS were sent a paper version of the survey via campus mail to their university address. The survey came from Ipsos Reid in a personally addressed envelope marked Speaking Up Faculty and Staff Experience Survey. Here are some tips for completing the paper survey:

- 1. Drop-in sessions are available for those employees whose first language is not English and who may wish for some assistance in completing the survey. Information on drop-in sessions is available at www.hrandequity. utoronto.ca/news/survey/dropin.htm.
- 2. You may only use blue or black ink to complete the survey.
- 3. Your completed survey is to be returned directly to Ipsos Reid using the postage-paid return envelope provided just drop it in any Canada Post mailbox no later than 5 p.m. on Friday, Nov. 12.

COMPILED BY LANNA CRUCEFIX



# Davis praised as 'education premier' at U of T building rededication

BY NICOLLE WAHL

Part ceremony, part reunion and - at times part stand-up comedy, the rededication of the William G. Davis Building at U of T Mississauga brought together

generations of the University of Toronto community to celebrate the former premier's enduring relationship with this campus.

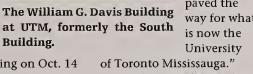
With Professor Deep Saini, vice-president and principal, acting as master of ceremo-

nies, the gathering on Oct. 14 included students, alumni, past principals and chairs of Governing Council, along with friends of the campus such as developer and philanthropist Ignat Kaneff, Mississauga city Councillor Katie Mahoney and Bonnie Crombie, MP for Mississauga-Streetsville.

Building.

"For more than 40 years, Bill Davis has worked hard to improve the lives of people in the province of Ontario and nowhere is this more apparent than in our postsecondary education system," said Saini. "Everywhere

> you look, we see reminders of his commitment to excellence in education -be it in the extensive growth of our college system or right here where he paved the way for what is now the



President David Naylor praised Davis both for his role as "the education premier" and also as a nationbuilder who earned the respect of leaders across the country — a sentiment echoed by Chancellor David Peterson.

But Peterson, along with

# MINDFUL MOMENT



The Dalai Lama exchanged a few words with Chancellor David Peterson about the prayer scarf he bestowed upon Peterson when both men attended the Oct. 22 special sypmosium on science and mindfulness at the Multi-Faith Centre.

Mississauga mayor Hazel McCallion, used their time at the podium to both praise and poke fun at Davis.

Davis laughed at their remarks along with the crowd and stepped to the podium promising a "historical or hysterical" take on his accomplishments. "I'm having so much fun, this may go on for hours," said Davis with a laugh.

In closing, Davis took a more serious tone and argued for the support of post-secondary education as a critical pillar of the nation.

"The University of Toronto is a national institution," he said. "I know what the Constitution says and I know the steps that the government of Canada has taken in graduate work and many other fields but there's still a very relevant role [for them to play].

"Post-secondary institutions are the most important

institutions we have in this country and the government of this county has an opportunity and obligation; there should be more money provided for post-secondary education here in Canada."

A plaque unveiled at the opening, describing Davis' role in post-secondary education, will go on display inside the William G. Davis Building once renovations are complete.

# U OF T KICKS OFF ITS 2010 UNITED WAY CAMPAIGN

BY KELLY RANKIN

The Faculty of Physical Education and Health kicked off this year's U of T United Way campaign Oktoberfeststyle, raising a glass to toast the campaign's anticipated success.

On Oct. 14, Alison Canning, Wenda Kwong, Darcy Brioux, Rosie Posca, Amanda Bunday, Chris Dickins and Kathy Mitchell, the enthusiastic fundraising team from the Faculty of Physical Education and Health, hosted an Oktoberfest lunch and silent auction to raise money for the university's United Way campaign drive.

Attendees enjoyed bratwurst, cider and strudel, while perusing the more than 50 auction items on display. Items up for bid include, a pair of tickets to a Toronto Maple Leafs game, a jersey worn by Toronto Raptors guard Jose Calderon, bicycle accessories and ladies golf clubs. (To place a bid, drop by the main office at the Athletic Centre at 55 Harbord St.)

"The staff here always does a superb job raising money for United Way," said Molly Yeomans, U of T employee campaign chair.

Cathy Hughes, the facility manager for the pools at the Athletic Centre and a regular donor, noted, "It is important to raise both money and awareness



Students from the Faculty of Medicine give the thumbs up before their CN Tower climb on Oct. 23.

of the United Way campaign because the United Way is one of the most powerful ways that we each can do something to enhance the well-being of our community; to support the myriad programs and services that are directed at improving the social conditions of Canadians."

Last year, the U of T community raised \$905,000 for the United Way of Toronto, with this year's goal set at

\$1 million, a barrier that Yeomans is eager to crack.

She is confident that U of T will hit this target. "With the generosity and support on all three campuses I think we'll sprint to the finish and meet our objective," she said.

Last year more than 350 U of T students raised \$14,000 from the CN Tower stair climb alone and were awarded the Enbridge Student CN

Tower Award for raising more money than any other student group in the City of Toronto.

"Student support has grown exponentially in the last three years," Yeomans said.

The students participated in the CN Tower climb again this year, on Oct. 23, and the silent auction closes on Nov. 25 with a pancake breakfast at the Athletic Centre.

The money raised during the campaign helps support more than 200 community services and agencies, including the United Way of Toronto's latest initiative - Community Hubs.

Earlier this year the first of eight Community Hubs opened in Scarborough. The hubs will bring various programs and services under one roof, including community health and dental services, career planning and employment counselling, addiction and mental health services and services for seniors.

Donation forms were sent out to 2009 retirees mid-September; all other retirees will receive their forms by mid-November. U of T employees will receive their forms at their campus address by the end of October or first week of November.

For more information about the U of T's United Way campaign, visit unitedway.utoronto.ca.



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# U OF TAMONG CANADA'S TOP 100 EMPLOYERS

CONTINUED FROM PAGE 1 growth. Although we are operating in a difficult economic context, U of T has and will always be committed to providing an inclusive, challenging but collegial workplace and retaining and attracting the best and the brightest of faculty and staff."

It does not mean, however, that the university can now sit back and rest on its laurels.

"Being named one of Canada's Top 100 Employers is wonderful news," said Rosie Parnass, quality of work life adviser and director of the Organizational Development and Learning Centre.

"However, it is the feedback from our employees that really tells us where we exhibit best

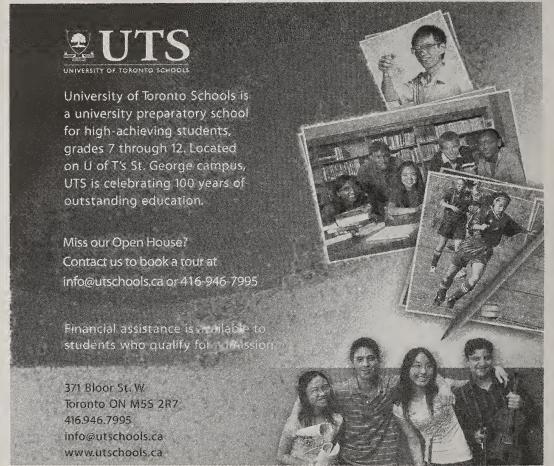
practice and where we can make improvements, so we're looking forward to hearing from them in the upcoming Speaking Up staff and faculty survey."

The full list of the 2011 winners can be found online at www.CanadasTop100.com/ national and is also published in a special editorial feature in the Oct. 15 Globe and Mail.

Eager to get Some visibility for your annual report, brochure or timetable? Why not condsider an insert in the Bulletin? Reach 10,000 readers across all three campuses.

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Seating is on a first-come first-served basis Visit: www.politics.utoronto.ca or www.vicu.utoronto.ca



# When a fire alarm sounds, mobility is a concern

BY KELLY RANKIN

When the fire alarm sounds do you know what to do?

What happens when the fire alarm sounds and you cannot use the stairs due to a mobility impairment to exit the building? Don't panic, there is a procedure in place to keep you safe and allow help to come to you.

Recently, while answering a fire alarm on campus, Rob Watson, senior fire prevention officer on the St. George campus, and the U of T fire prevention team noticed that when it comes to evacuation procedures, people with mobility impairments didn't know how to respond or their colleagues were doing the wrong thing — such as carrying someone down a set of stairs during a fire emergency. Some individuals felt they had no choice but to attempt to use the stairs when the elevators were not functioning due to the alarm, but sometimes this caused distress and challenge that was unnecessary.

This prompted Watson to team up with Andrea Carter, employment equity officer and Accessibility of Ontarians with Disabilities Act (AODA) adviser, to raise awareness about fire safety and to ensure the U of T community responds correctly so that all

individuals are safe during an emergency.

"There is a policy in place that echoes the Toronto Fire Policy, one that is unknown to many community members on campus," said Carter.

During a fire alarm, mobility impaired persons should remain in their offices with the door closed and telephone the St. George campus police emergency number, 416-978-2222. Those on the U of T Mississauga and U of T Scarborough campuses should call 911 directly.

Tell the emergency operator that the alarm in your building is sounding and that you are mobility impaired or unable to exit the building down the stairs. If there is smoke on your floor, tell the operator and provide your exact location floor and room number and telephone number as well.

Campus police then report this information to the Toronto Fire Department and U of T Fire Prevention Services. When emergency services arrive on the scene, they know where you are and can attend to you immediately.

Both Watson and Carter are quick to point out that the term mobility impairment applies to more than people who rely upon wheelchairs or scooters or are using crutches. It may also refer to anyone

who will have difficulty walking down a crowded stairwell as a building is being evacuated during an emergency: for example, pregnant women, a colleague with a broken leg, someone with a visual impairment or even someone who is managing panic or anxiety.

"lt's important for people to know we've thought about them. There is a plan in place to provide for their safety; they should follow this plan and they should wait until help arrives," said Watson.

In order to raise awareness of the fire safety procedures Watson and Carter have created a poster and wallet-sized cards to remind everyone about the procedures for those with mobility impairments. It is hoped that these posters will be placed near the elevators in buildings across the three campuses to bring attention to safety procedures during fire drills and alarms.

If you are interested in placing some of the posters with emergency cards in your building, contact Watson at 416-946-3007. For more information about fire prevention on campus, visit http:// www.fs.utoronto.ca/ utfp.htm. For more information about the AODA on campus, visit http://www. aoda.utoronto.ca.

# Microbiome research gets \$3 million in federal grants

BY JENNIFER HSU

The Canadian Institutes of Health Research (CIHR) has awarded three U of T scientists and their research teams more than \$3 million through the Emerging Team Grant: Canadian Microbiome Initiative.

"The Government of Canada recognizes the critical importance of health research. It is a key component of our efforts to improve Canada's healthcare system and — most important — to improve health outcomes for Canadians," said Lois Brown, MP for Newmarket-Aurora. "Microbiome is an emerging field of health research that seeks to better understand how the various bacteria found in the human body work to either strengthen or weaken human health."

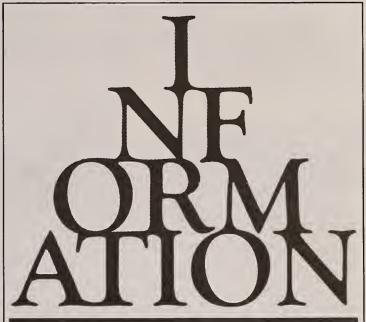
To develop new medical knowledge, remedies and therapies, research teams supported through the grant will analyze and characterize the microbes that colonize the human body and its potential alteration during chronic disease state. At U of T:

 Alan Bocking (obstetrics and gynecology), along with Deborah Money from the University of British Columbia, will study the composition of microbial communities in the female reproductive system, as a wornan's health is intimately linked to the balance of bacteria and viruses that live in her body;

• David Guttman (ecology and evolutionary biology) and his group will investigate the microbial communities found in the lungs of individuals suffering from cystic fibrosis during the progression of the disease and the initiation of antibiotic treatment. The longterm goal of the project is to establish guidelines to assist clinicians in the design and selection of tailored therapies;

• James Scott (Dalla Lana School of Public Health), along with Guttman and researchers from the University of Alberta, University of Manitoba and University of British Columbia, will analyze the impact of antibiotic use in newborn infants, as well as the composition of intestinal microbiota at the age of three months and one year. Changes in infant microbiota will be evaluated for their effect on the development of allergies and asthma in children.

"The Canadian Microbiome Initiative will advance the field of medicine in Canada and internationally," said Professor Paul Young, vice president (research). "Studying the relationship between microbes and humans is challenging. Knowledge generated through these collaborative projects will have an important impact on global society. Congratulations to our professors on their achievements and thank you to ClHR and the Government of Canada."



# nformation architecture hot new career

BY KELLY RANKIN

**Does this** sound familiar? A new information system has just been implemented at your workplace. Instead of making life easier, it's only made things more complex.

You ask yourself, What were they thinking? Perhaps they should have consulted an information architect.

According to a recent San Francisco Chronicle article, information architect is just one of a number of careers emerging due to the popularization of online marketing, user engagement, website design and digital marketing campaigns.

The Chronicle also mentioned the U of T's Faculty of Information as the place to study and prepare for this emerging field.

"Our students are educated to think about information in new and novel ways so that they change the environments in which it's presented and the way we use and think about information," said Professor Seamus Ross, dean of the Faculty of Information.

But, what is an information architect and what does he or

A byproduct of the web's popularity is the vast amount of information we have at our disposal. The assumption that it would organize itself or that a one-size-fits-all solution will help make accessing data easier has been proven wrong, especially in the last 10 years. As a result, there is a role for someone who understands the impact of information and how it shapes the way we work, while at the same time possessing the skills required to navigate between user needs and the expertise of engineers and technologists.

lt's not unlike architecture per se. Architects design environments that are comfortable for their users.

"I think the way that people understand how architects play a role in creating buildings, cities and infrastructure gives

a good idea about what the broader sense of information architecture should be," said Professor **Eric Yu** of the Faculty of Information. "It is an emerging field and has yet to reach the same stage as a profession that architecture has."

Now, more than ever, people work in an information space, and like physical space, it needs to be organized in ways that support and enhance the way they work.

"I look at information architects as working in the classic triangle of people, technology and information," said Professor Jens Erik Mai of the Faculty of Information. "They help people who use technology to find the information they need."

An information architect treats the triangle as an ecosystem, or as Mai refers to it, a domain. There is already a language and a structure in the domain, and although these are not articulated by the people involved, they are shared and understood by everyone who works within the domain.

For example, employees in the Ministry of the Environment might use the same information systems as employees in the Ministry of Health. However, they would use and discuss them in different ways.

"It's not about classifying information correctly, it's about building a system in accordance with what works for a particular work environment," said Mai.

implementing a system contrary to these principles is why employees have difficulty using it and why the system eventually breaks down.

The success of a new system depends on user buy-in. lt's important to engage users in the process so they know their needs are being considered and that a lot of thought has gone into the new system design.

Interested in becoming an information architect? The faculty is hosting information evenings on Nov. 11 and Nov. 16. For details, see http://uoft.me/12.

# Identifying environment's influence on reproduction

BY SEAN BETTAM

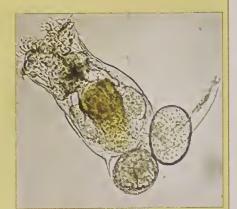
Evolutionary biologists at U of T have found that environment plays a key role in determining whether a species opts for sexual over asexual reproduction.

The study, led by post-doctoral student Lutz Becks and Professor Aneil Agrawal of ecology and evolutionary biology, found that species that inhabit spatially heterogenous environments - habitats characterized by uneven concentrations of its own species among a rich variety of other animals and plants - had higher rates of sexual reproduction than those in more homogenous environments.

"Sexual reproduction is pervasive across the tree of life," said Agrawal. "One of the classic questions in evolutionary biology is to determine why most organisms reproduce sexually rather than asexually. Whatever evolutionary force maintains this mode of reproduction across such a diversity of life must be one of the most powerful and important factors in biology. Our work suggests that spatial heterogeneity is one of these key factors."

Furthermore, sexual reproduction resulted in organisms that are adept across different environments, with different characteristics and more robust genetic constitutions than their asexually reproducing counterparts.

"Put simply, sexual reproduction helps create genotypes that are better able to survive across different environments.



An asexual female rotifer carrying two asexual eggs.

In contrast, asexual reproduction yields types that are suited to only one environment," Agrawal said.

The scientists conducted their experiments with rotifers - small aquatic organisms that are capable of both sexual and asexual reproduction. They allowed populations of rotifers to evolve in habitats that were either environmentally homogeneous or heterogeneous. Over a span of more than 70 generations, the tendency for sexual reproduction persisted at much higher levels in heterogeneous habitats and declined rapidly in homogeneous environments

The findings appear in the paper Higher Rates of Sex Evolve in Spatially Heterogeneous Environments published Oct. 13 in Nature. The research is supported by funding from the Natural Sciences and Engineering Research Council of Canada and a fellowship from the Volkswagen Foundation awarded to Becks.

# Charcoal and climate change

BY JANET PELLEY

It's black, it's gritty, it's essential for barbecues - and it just might save the world from global warming.

Biochar, a kind of charcoal that is rich in carbon, traps CO2 from the atmosphere and can store it in soils for hundreds to thousands of years, says Professor Nathan Basiliko, a soil scientist at U of T Mississauga's Department of Geography. Now, Basiliko and colleagues in the Faculty of Forestry are poised to demonstrate that wood waste from Ontario's forest industry could be used to produce energy and biochar, making the wood a truly carbon-negative biofuel.

"I had been following the buzz about biochar bioenergy for a while when the owner of Haliburton Forest, Peter Schleifenbaum, emailed me out of the blue," said Basiliko. Schleifenbaum is Basiliko's industrial research partner and was interested in producing energy with wood waste from his new mill. He wondered if, instead of burning all the wood, he should make biochar.

Biochar is produced by pyrolysis, a process where organic matter such as wood smoulders at moderate temperatures with very little oxygen. Part of the wood burns, yielding heat and gases that can be captured and used as biofuel. But roughly half the carbon remains behind as charcoal that is very resistant to degradation. In fact, pre-Columbian Indians in the Amazon fertilized their fields with biochar.

"Pyrolysis and biochar production have certain advantages over conventional combustion," Basiliko said. Although yielding more energy, fully combusting

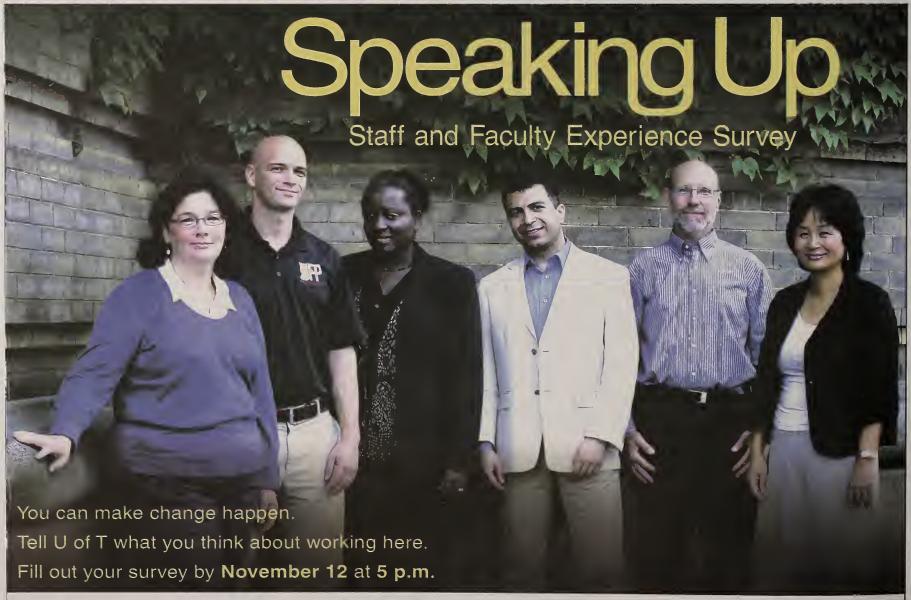
wood is at best carbon-neutral - the amount of carbon released during combustion equals the amount of carbon taken up as new trees replace the original wood. Pyrolysis is potentially carbonnegative because a significant percentage of the carbon in the smouldered wood is locked into biochar, which can be incorporated into soil and stored for hundreds of years.

If the expected benefits of producing biochar pan out, the net effect will decrease atmospheric concentrations of CO<sub>2</sub>. This is where rescuing the world comes into play. Basiliko said that even if we stopped using fossil fuels today, the CO<sub>2</sub> that humans have already pumped into the atmosphere will remain for hundreds of years. But burying biochar in the soil, while allowing new tree growth to replace the amount of wood harvested for pyrolysis, would draw down CO2 levels and help reverse climate change.

The benefits don't stop there. Biochar soaks up nutrients such as calcium and magnesium, preventing them from leaching out of soil and thereby boosts soil fertility. "The best case scenario is that it sustains or increases forest productivity while some portion of the biochar stays stable in soils over hundreds of years," Basiliko said.

Schleifenbaum is planning to invest millions of dollars in a bioenergy facility and has invited Basiliko and his colleagues to carry out their research on his forest.

"An enormous amount of work needs to be done before we can utilize biochar on an industrial scale," Basiliko said. Most research on biochar has been done in the tropics so no one can say for sure how it will behave in Canadian forest soils.



For more information, go to www.hrandequity.utoronto.ca/news/survey.htm e-mail speakingup.survey@utoronto.ca or call 416-978-5699 (Administrative Staff) or 416-978-1855 (Academic Staff)







# **WELCOME TO THE 2010 ONE MILLION DOLLAR** UNIVERSITY OF TORONTO UNITED WAY CAMPAIGN

# THANK YOU

We made it across the \$900,000 threshold. Last year our tri-campus achievement was \$905,000. This record level of donation exceeded our goal and puts us in position for a mega success: one million dollars from the University of Toronto! Now let's show Toronto how much we care!

## Our Goal is ONE MILLION DOLLARS.

# **Employee Campaign Chair** Molly Yeomans

It takes vision to make a success and change the status quo, whether it is two University of Toronto graduate students building a human -powered airplane (see their story on this page) or a campaign to raise one million dollars.



**Molly Yeomans** 

And challenges come in many forms: every new campaign brings the opportunity to let you know "what's new" at United Way while at the same time reinforcing the continuing good that comes from its family of agencies in a never-ending cycle of meeting human needs.

But the work of United Way does not stop there. It has come to understand meeting urgent needs does not go far enough. United Way must

also address the social challenges facing our city with long-term strategies to tackle underlying root causes before they become problems in the first place.

The story told in this year's United Way supplement in the Bulletin is about just such a program: Pathways to Education attacks underperformance and failure in high school, an issue with an impact far beyond the muted potential of a child who doesn't graduate. The Boston Consulting Group reports that \$1 invested in Pathways generates a \$25 return to society in decreased social costs and an increased tax base.

Thank you to our leadership chair, Professor Michael Marrus, our donors, volunteers, students, staff and administration on three campuses. Also, thank you to Nancy Reid, who for many years has provided key administrative support and is now moving from advancement to the Faculty of Law.

With your help we can build on our amazing result of last year and reach our goal of one million dollars. Let's show Toronto and Peel (for UTM) how much we

## **Taking Flight**

U of T students Todd Reichert and Cameron Robertson recently achieved their dream of sustained flight under human power by building and flying an ornithopter (capsule behind, wings above). "Some experts told us that we couldn't do it. But now we know that what they thought was impossible is possible. We hope that our success is an inspiration for more dreams becoming reality." Support the great work of United Way and this year's U of T campaign goal of one million dollars! We can do it!

# Leadership Chair Professor Michael R. Marrus

#### **Dear Colleagues:**

Here is an update on our United Way Campaign at the University of Toronto -known in the trade as a "workplace campaign."

More than 900 workplaces take part in United Way Toronto's annual fundraising drive. Our University of Toronto achievement ranks among the top two per cent of these work place campaigns for raising \$905,000 in 2009. Our goal this year is to break a million dollars - a breathtakingly ambitious target, but one that we will strive to reach.

Our main message this year: every employee's involvement counts, and we are appealing to you to join our institution's annual campaign to support the community in which we work.

won the city-wide Enbridge CN Tower Climb Award. Physical Education and Health and staff and faculty from the Faculty of Law competed to win the U of T CN Tower Cup. Three of our colleagues, Rivi Frankle, Alison Canning and Wenda Kwong, received Arbor Awards this year for, among other things, their volunteer contribution to many United Way campaigns. Four students, (see their stories in this Bulletin insert) were recognized and awarded at our 2009 United Way campaign wrap-up and leadership forum for their outstanding volunteer efforts.

Michael R. Marrus dollar objective will put us in the same category as IBM, City of Toronto, Proctor & Gamble, KPMG LLP, the **Toronto Transit Commission** and the Government of Canada Workplace Charitable Campaign.

We need to raise only \$95,000 more than last year. In Canada we are the top educational institution for total dollars raised for United Way. In America, at Yale University, they too raised more than \$900,000 last year and are trying to break the one million dollar threshold.

Let's get there first.





There were many remarkable United Way achievements last year: Our students Students from the Faculty of

Achieving our million

Professor Ulli Krull, vice-principal (research) at UTM and professor of chemistry in the Department of Chemical and Physical Sciences, won a \$1,000 U of T Bookstore gift certificate in last year's United Way Leadership Draw. With a little flexibility on the part of the Bookstore and a little ingenuity on the part of Krull, a new personal book collection was generously morphed into a physiotherapy skeleton for science demonstrations!



# PATHWAYS TO EDUCATION

In Ontario, the high school dropout rate is a staggering 23 per cent and it is estimated that in some communities it is even as high as 40 to 50 per cent. Pathways to Education is a United Way agency that provides educational and moral support to at-risk youth in priority neightbourhoods. Since first being introduced in Regent Park in 2001 the program

has reduced the high school drop-out rate from 56 per cent to as low as 10 per cent and has increased the number of high school graduates going on to post-secondary education from 20 per cent to 80 per cent. There are currently three other Pathways programs in Toronto located in Lawrence Heights, Rexdale and Scarborough and seven more

programs across the country.

Failure to succeed in high school: a recipe for broken dreams; unemployment; low wages; poverty and crime. A burden on every taxpayer. The Boston Consulting Group reports that \$1 invested in Pathways generates a \$25 return to society in decreased social costs and an increased tax base.

## LAWRENCE HEIGHTS

#### DION WALCOTT Student/Parent Support Worker

FAISAL OMER Grade 12 "All this fun for us?"

Dion Walcott says that high school students in the Lawrence Heights neighbourhood come from homes where there is just mom or dad most of the time. For many students there is a piece missing: a chance to talk about what is on their minds. He says sometimes it is about a first girlfriend, a broken heart or about criminal activity. Walcott says that he tells them about right and wrong behaviour: "I give them the whole picture and put the options in front of them. I support them and hopefully they make the right choice. Some kids have very low expectations either socially or academically — they only aspire to what they see. We try to change that at Pathways."

Faisal Omer: Pathways Student

Faisal Omer's family immigrated from the U. S. in 2005. He says he couldn't believe there was a program that gives you a TTC ticket to go to school every day, helps you with your homework and on top of that — awards you \$1,000 towards post-secondary education for every year you attend the program. In addition he says Pathways has changed his approach to school and even his personality. "I have improved note-taking and making decisions today that will affect my future. I knew I wasn't a math and physics guy but I could go deeper into chemistry and biology and I wanted to become a physician's assistant, for that I need to get into an undergraduate nursing program and then a master's degree."

Omer says the Pathways program, "Real Talk," has helped him gain a better understanding of people from diverse backgrounds and has taught him not to stereotype others. "It's helped me to be open-minded and to understand where someone is coming from, human being to human being." Omer hopes to be chosen valedictorian at his high school this coming spring.



Dion Walcott (left) mentors and advocates for student Faisal Omer.



Ratul Islam is inspired to help others thanks to Pathways.

#### RATUL ISLAM University of Toronto Health Sciences Program

Ratul Islam is a second-year student at the University of Toronto and he lives in Regent Park. He says Pathways supported him through high school at Danforth Collegiate and Technical Institute. He graduated two years ago with an 89 per cent average. Pathways not only changed his life but he says it dramatically improved his community too. "Before Pathways, Regent Park was very rough. There were drug dealers and users everywhere, living beside me and across the hall from me.

As Pathways got bigger and bigger I saw a decline in violence and drug use and especially a decline in violence among young people. I think that when you provide academic and moral support and you have someone you can relate to, you are not as likely to go off track."

Islam has been inspired by his own experience to establish a not-for-profit organization called Lead to Peace. He and other volunteers speak to students in grades 6, 7 and 8 about social responsibility, education and the environment. Pathways also helped him find sources of funding for his organization. "They don't stop the support once you leave high school; they continue to be your friends."

# CN TOWER CUP CHALLENGE

MEDICAL SCHOOL STUDENTS
HAVE PUT TOGETHER A TEAM OF
79 FOR THIS YEAR'S RUN AND
HAVE MORE THAN \$10,500 IN
PLEDGES. THE CN TOWER CUP IS
WITHIN THEIR GRASP!







## **WITHOUT YOU THERE WOULD BE NO WAY. THANK YOU!**



"Through my service work in the community I have learned it is quite easy to make a big difference in the lives of others. Much of my work has been with various United Way agencies and I have personally seen the impact that United Way dollars make. This experience prompted me to volunteer with United Way and be part of the process that opens up new avenues to agencies to provide quality services and programs."

William Reginold, Fourth-Year Neuroscience, Dept. of Human Biology Student Chair, St. George Campus

# University of Toronto United Way 2009 Student Leadership Award Recipients

Loriel Ducoy, Fourth-Year Bachelor of Commerce, UTM "In 2008 I was given the title of Youth Ambassador to Canada by an organization that's supported by United Way. In that year I saw first-hand the help United Way provides to so many people including new immigrants to Canada, preparing youth to be tomorrow's leaders and helping children succeed at school. With the help of United Way, we can change the community for the better.

#### Shivanki Singh, 2010 Rotman MBA Graduate

"Two years of volunteering work with United Way at Rotman has given me an enormous sense of satisfaction and achievement. I felt proud to see the entire Rotman community coming together in full support of United Way, raising funds and creating awareness. I truly believe that you don't need to be someone in power to make a difference in the lives of others. "









#### Ian Orchard: Actively Endorsed UTM United Way Campaign For lts Commitment To Community.

Professor lan Orchard retired this year from the position he held for eight years as vice-president and principal of UTM. He is currently on a two-year sabbatical doing research. He says that he supported the campaign right from the beginning because he believed that United Way made a difference. "The United Way, through its support of so many



and by doing so keeps the community strong." Rivi Frankle: United Way Volunteer

mobilizing collective action. It touches the lives of individuals

Extraordinaire Retires and Credits **United Way for Career Success** 

For more than 30 years Rivi Frankle has played a major role in the growth and continuing success of the U of T United Way campaign. She says it was actually her experience as the on-campus United Way representative that led to her career in advancement. "I liked being the liaison between people, working with volunteers, and I found that there was

great satisfaction working for a cause that you believe in." And Frankle's belief in United Way has never wavered. "Every part of it is important. It helps everyone no matter who they are or how old they are. It addresses all the issues that challenge people in our community."

#### Kimberly Shek, Third-Year Faculty of Arts and Science,

"I want to make a positive impact in my community that is why I began volunteering with United Way. Working with the staff and the other volunteers has been an amazing experience and it has been incredibly rewarding to see the work done by some of the agencies supported by United Way."

#### Navila Uddin, Fourth-Year Electrical Engineering,

Being in one of the larger engineering departments, l feel a constant struggle to communicate with my classmates about the need to build healthy communities either locally or in a much more global perspective. It was this challenge and the efforts of others that inspired me and my colleagues at ECE-Leaders of Tomorrow to utilize our leadership skills by volunteering in the community and for United Way."

# 2010 Student Volunteer United Way Chairs

"There is a unique satisfaction to working within a community and seeing the results your efforts can bring about. I believe everyone should take the opportunity

to give back and at the same time learn valuable leadership skills."

Melvin Sert, Third-Year Psychology Student Chair,



"The importance of giving back to your community was something that I learned at a young age from my father. Throughout his professional career he has been involved with the United Way and has shown me that it is important to give back to the community that has supported you and those less fortunate. As a MBA student and member of the business community I feel that it is my responsi-

bility to be involved in my community and the United Way gives me an opportunity to do just that."

Michael Owens, MBA Candidate, 2011 Student Chair, Rotman

"I think that as Canadians and as citizens of Toronto, we should all support and look out for one another. The goals of United Way — to support disadvantaged neighbourhoods and to create opportunities for youth,

— allow people to build stronger bonds within a community and truly show what it means to be Canadian. By lending a helping hand to those who need it most, we can all contribute to building a more vibrant Toronto."

Timour Al-Khindi, Fourth-Year Neuroscience, Student Chair, UTSC



December 2011.



# PAYROLL DEDUCTION:

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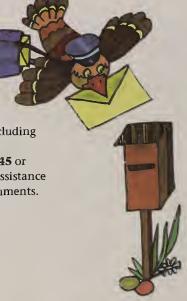
Email: unitedway@utoronto.ca from your U of T email address with the total amount of your donation. It will be divided by 12 for your monthly payroll deduction starting January 2011 and ending

Make a payroll deduction commitment by Dec. 31 and you will be entered to win a \$250 gift certificate from the U of T Bookstore.

Your pledge form will arrive by the end of October or the beginning of November.

We accept all pledge forms up to and including Dec. 31, 2010. Call Employee Campaign Chair Molly Yeomans at 416-946-0245 or e-mail unitedway@utoronto.ca for assistance with your pledge form, questions or comments.

University of Toronto United Way Office 21 King's College Circle Toronto, ON M5S 3J3 www.unitedway.utoronto.ca



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**Bonanza Sale** 

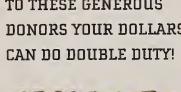
**Tuesday** November 23rd

Wednesday November 24th

**Thursday** November 25th



## A WIN-WIN — THANKS TO THESE GENEROUS DONORS YOUR DOLLARS





Every new leadership donation and every leadership dollar increase will be matched by the Clark-Schulich Partnership in Philanthropy — one million in matching funds. At the University of Toronto Mississauga, a PepsiCo Canada sponsorship will provide \$100,000 in matching funds.

Big Prizes: Three Big Draws - Closing Date Dec. 31, 2010 \$250 U of T Bookstore Gift Certificate Draws:

Leadership donors, retiree donors and payroll deduction donors.

#### **Student Leadership Awards:**

Two outstanding student volunteers will be acknowledged and awarded \$250 U of T Bookstore gift certificates.

#### **Department Honours:**

Three Department/Faculty/College Awards: \$250 U of T Bookstore gift certificates for participation.

#### Thank you to our many colleagues at United Way Toronto and United Way Peel who assist with the administration of our campaign. Special thanks to retired president and CEO, United Way Toronto, Frances Lankin, for her outstanding leadership and Anne Erickson, manager resource development, for her guidance.

Welcome to new president and CEO, Susan McIsaac: "Now more than ever we need to build resiliency in our community — to help our community fully recover from this recession and become better prepared to weather any storms ahead. The University of Toronto Campaign, with close to 2,000 participants, contributed just over \$900,000 last year and continues to have a big impact on our community. You help to meet urgent human needs today and support long-term solutions such as educational attainment and resident engagement. Without you, there would be no way."

THIS PUBLICATION WAS MADE POSSIBLE WITH THE GENEROUS SUPPORT OF UNIVERSITY ADVANCEMENT AND STRATEGIC COMMUNICATIONS.

THE FOLLOWING INDIVIDUALS ARE PIVOTAL TO THE SUCCESS OF THE ANNUAL CAMPAIGN CONTRIBUTING MANY HOURS OF PROFESSIONAL EXPERTISE:

UNIVERSITY ADVANCEMENT: MARIA CONSTANTINO, NESTOR HALITSKI, DIANE HORVATH, JOCELYN GREGORIO, DARKO GAVRILOVIC, THOMAS TRAN, HUMBERTO FERREIRO

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# U of T

# United Way giving a neighbourly gesture

BY JENNIFER LANTHIER

**Growing up** on a beef cattle farm outside Fenelon Falls, Ont., **Paul Handley**, co-chair of U of T Mississauga's United Way campaign, understood that neighbours helped each other and everyone rallied in a crisis.

"In a small community you know you're part of it and you get involved — it's a way of life," he said. "When a neighbour's house burned down and they lost everything, people just started bringing them things — socks, toothbrushes, whatever they needed to get them through the first few days."

Beginning in his teens, Handley was an active volunteer, coaching children's sports teams and organizing events to raise funds for his high school athletics program. As an adult, he volunteered with homeless shelters and food banks. That local focus allowed him to easily see the effect of his volunteering, said Handley, but being part of a bigger campaign is just as inspiring.

"When you coach, you get to see how kids develop and how quickly they pick up skills and it's great," Handley said. "But with the United Way, you're involved with something that has a larger purpose."

For Handley co-chairing the campaign is an inspiring and fulfilling way to volunteer — but it isn't always easy.

"I struggle with asking people for money, even though it's for such a good cause," said Handley, director of library operations for the west campus. Luckily, one of Handley's co-chairs is Professor **Anthony Wensley**, who has been involved in UTM's United Way campaign for years.

"He has a frankness, a directness and a warmth that's very helpful," said Handley, 35. "And he has no problem asking people for contributions."

Handley got involved with the campaign last year at the suggestion of Professor **Ian Orchard**, then vice-president and principal.

"I've always been involved in volunteerism but lately I hadn't been as active as I would like, so this was a great opportunity," Handley said. "Mostly, I'm trying to encourage and support others on campus to host events and try to raise funds and some of my time is spent on the logistics and organization around the pledge forms, collections and reminders."

Handley is adamant that the success of the campaign relies on each and every contribution from the UTM community. "This campaign is really about all the other volunteers — the people hosting and supporting the fundraising events, the people making payroll donations — we rely so heavily on them and we're just trying to support them and help co-ordinate



As co-chair of UTM's United Way campaign, Paul Handley offers his colleagues encouragement and support for their fundraising efforts.

and organize."

Handley tries to get out to every event, from book and plant sales to tarot card readings, and he's gearing up to carve a pumpkin in the Oct. 29 contest. He and Wensley will also visit donors who give at the leadership level of \$500 or more "to thank them for past support and say we hope we can count on your support again."

But the United Way campaign

needs all donors — large and small, Handley said. It gives members of the U of T community a chance to work together to make a difference, just like those days in Fenelon Falls when everyone rallied to help neighbours in need.

COURTESY OF PAUL HANDLEY

"If everyone were to give just two dollars as a payroll deduction, that's \$24 a year, and with almost 1,000 employees here, that's \$24,000."



COURTESY OF OISE

# Professor Julia O'Sullivan

DEAN OF THE ONTARIO INSTITUTE FOR STUDIES IN EDUCATION (OISE)

Professor O'Sullivan joined U of T this summer after serving as dean of the Faculty of Education at the University of Western Ontario. She previously held a similar post at Lakehead University and also taught in Newfoundland. She is an expert in the teaching and learning of reading and founding national director of the Centre of Excellence for Children and Adolescents With Special Needs. She has a special interest in aboriginal education.

# 1. Why did you focus your education career on the study of teaching and learning reading?

Actually, I didn't begin with that focus. I am a developmental psychologist and for a long time my work was experimental research on children's learning and memory. Over the years, with my increased involvement with schools and education, I saw first-hand the consequences for communities, families and, of course, for children themselves when children did not develop sufficient reading proficiency to support school success. I came to understand that reading — specifically being able to read and write proficiently — is the basis for continued school success or what I have called the "Golden Ticket." That is when my work began to change towards teaching and learning reading.

2. Did your interest in aboriginal education develop during your years at Lakehead? Is it something you'll be able to pursue in Toronto?

Yes and yes. At Lakehead, I worked very closely with aboriginal communities to ensure our work in the Faculty of Education was making a difference and was truly responsive to their needs. While I was at Lakehead, I led the establishment of Canada's first Department of Aboriginal Education in a faculty of education. I am very proud of that.

The Association of Canadian Deans of Education recently signed an accord on indigenous education. This is an extremely important accord and it marks a historic step in education. It has direct and substantive implications for initial teacher education and graduate education and research. OISE will bring together our considerable expertise to lead the country in implementing this accord.

There are several scholars at the University of Toronto and OISE whose work is focused on aboriginal issues in education. I look forward to getting to know them and learning more about their work. I am very interested in seeing what we might do together and in partnership with aboriginal communities. I am chief adviser for a Martin Aboriginal Education Initiative program focused on increasing reading proficiency for First Nations children in two communities here in Ontario.

# 3. Which challenges does an administrative job pose that you don't encounter in the classroom?

There is actually more continuity between the education classroom and the dean's office than people might think, at least there is for me. As dean I am still teaching but now I'm teaching a very diverse group of people and organizations; teaching about education, about OISE and our work here. Much of my role has to do with opening doors and building relationships for the institution. Through promoting our great people and their work, I am able to leverage support for our programs and our research and encourage its translation into policy and practice in education.

# 4. What did you love most about Newfoundland?

Absolutely everything! The people, the culture, the music, the sense of humour, smell of the Atlantic and the wild weather and most of all that my two boys are native Newfoundlanders.

**5. What book(s) are on your bedside table?** *The Bishop's Man* by Linden MacIntyre.

# 6. Is there one item you always carry in your purse?

I never leave home without my BlackBerry and a good lip gloss.

# 7. What music is on your iPod or your CD player?

Everything Van Morrison ever recorded.

**8. Do you prefer wine, beer or spirits?** Champagne — a good champagne.

9. Is there a maxim by which you live? "Do it now — you'll be dead a long time!"

# 10. What kind of vehicle would you drive if price were no object?

A classic s-shaped Jaguar, that beautiful dark green, leather interior, stick shift and the best sound system money can buy.

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## 2010 STUBBS LECTURE

# Imagining Ancient Women

#### Annabel Lyon

Author, The Golden Mean (2009) Winner, Rogers Writers' Trust Fiction Prize (2009)

Wednesday, October 27 4:30 p.m., Room 140, University College 15 King's College Circle, University of Toronto

Members of the faculty, staff, students and the public are cordially invited.

HE SAID SHE SAID

# NOW THAT'S INNOVATION

BY PAUL FRAUMENI

Innovation comes in many forms.

There's the innovation that creates economies (e.g., the gizmo l use to send important instant texts like, "In the movie. Guy beside smells of garlic"). There's innovation that seems impossible no matter how many times you hear of it (e.g., the heart transplant, 43 years old, which still amazes me). There's fun innovation (that peanut butter and jam together in one jar — brilliant!). There's innovation that is truly good (the hybrid car, the insulin pump and how Gandhi got his message across).

And then there are areas that could really use an injection of innovation (the Don Valley Parkway at 5:30 p.m.).

But the innovation I really get a bang out of is the innovation that no one ever calls innovation.

And the best example I've seen of this "innovation under the wire" is what's going on in the hand-drying options in U of T washrooms. Groundbreaking stuff. But sadly ignored.

Without any fanfare, a while back U of T introduced paper towel dispensers where the paper towel is always available without the user having to dirty her or his hands again by having to pump a lever to get the paper towel out.

Let me digress a bit. Perhaps the most influential innovation in human history came when the first ape-almost-human stood up and said to her friends, "Hey, check this out." And then she did this weird thing called Walking Upright. To which all her pals said, "Cooooooooool."

That's what I said the first time I came upon these paper towel dispensers. This is the handdrying version of walking upright.

These new dispensers are loaded with innovation. You don't have to touch a germy handle to get the towel out. They have a higher

quality towel that's also recycled material. The old ones had that coarse paper that was only one step removed from sand paper. Ever dried your face with that old stuff? You might as well have rubbed your face on pavement. And these new dispensers have the roll of towels in a big cylinder that enables you to see inside so you know when the roll is getting low. Talk about customer service! Accountability and transparency in paper towels! Genius.

This was innovative enough. Now we have air dryers where you put your hand in between two powerful blasts of hot air. The bad part -this model doesn't get your hands any dryer than the previous put-hands-under-dryerthen-wipe-on-pants model. Good innovation — it's like having a hand massage. Sometimes when I'm stressed I go up to the washroom just to put my hands in it. It calms me down immediately. Cheaper than a real massage and not as boring as meditation.

While I'm on the innovation theme, let me conclude with my favourite innovation story.

I once said to a client of a large organization for which I had been engaged to do some writing, "Bud, (not his real name), I need examples of innovation at this place to put in the brochure and I can't find any."

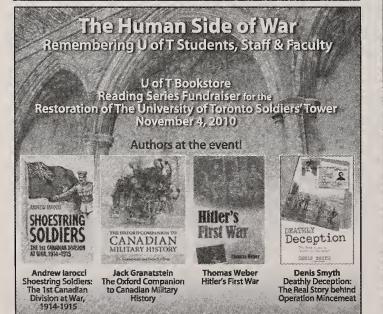
He looked at me, aghast, and exclaimed, "Paul, we've got all kinds of innovative things

But instead of pronouncing it the normal way — "IN-neh-vay-tive" — he said it like this: "inNAHvutive."

Making up your own pronunciation -now, that's innovation.

Or, as Bud would have said it, "inNAHvushun."

Paul Fraumeni is the director of communications for the office of the vice-president (research). He shares this space with Caz Zyyvatkauskas.



The Human Side of War

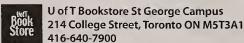
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14th Annual Jus Lecture in honour of Dr. Andrzej Jus

(THIS SEMINAR WILL ALSO BE RECORDED)

"Neuroethics: Coming of Age and Facing the Future"

James Giordano, PhD Director, Center for Neurotechnology Studies Vice President, Academic Programs, Potomac Institute for Policy Studies Professor of Neuroscience, Krasnow Institute for Advanced Studies, George Mason University Senior Research Associate, Wellcome Centre for Neuroethics, University of Oxford

Wednesday, 10 November 2010, 3:10 - 4:30 pm

Imperial Oil Theatre, Room 6, Tanz Neuroscience Building, 6 Queen's Park Crescent West Please note: Entronce to the theotre is located on the north side of the building off the walkway between Tonz and the Medical Sciences Buildings. Please wolk down the stairs to the lower level and the theotre is on your right. The front doors of the building are occessible by poss card only.

Abstract: Neuroethics is a growing field of two major traditions - one that studies the neural substrates of moral cognition and oction, and the other that addresses moral and ethical Issues arising in and from neuroscientific and neurotechnologic research and its opplications in medicine, public life and national security and defense. These traditions are reciprocal, and in the main, both are its applications in medicine, public life and notional security and defense. These traditions are reciprocal, and in the main, both are grounded to the underlying questions of 1) how mind originotes in broin, 2) how technology affects the brain-mind, and 3) whot social monifestations may occur as a consequence of using science and technology to assess, access and manipulate the brain-mind. In many ways, neuroethics bespeaks a new worldview that acknowledges on epistemic "crisis"- a time of change based upon the mass-effect of new knowledge. Previously accepted ideas about the function of the nervous system, brain and concepts of mind are being abandoned in favor of new notions and novel ways of thinking. The questions of neuroscience are those that address how we know, what we are, and thus, the very nature of being. The technological odvances that have allowed much of this inquiry have progressed with ordent strides. Yet, as so very often, the philosophical premises and ethical instantiations that guide the use of this technology and allow prudent applications in medicine and society tend to lag behind. As history reveals, it is often this dissociation of ethics from science that leads to profound and dire consequences. How then can — and perhaps should — the field and practice of neuroethics engage lessons from the post and acknowledge the saage, page and directions of present trends in neuroscience. neuroethics engage lessons from the post and acknowledge the scope, pace and directions of present trends in neuroscience, technology and society, so as to "come of age and face the future"? This lecture presents an overview of key issues in neuroethics, defines its current and future trajectories, and proposes a paradigm of reflection, preparedness and responsible action as a basis for a meaningful neuroethics to guide research, policy, and the right and good use of neuroscientific knowledge and technology

Admission Free - No Registration Required

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Feeling anxious, stressed or depressed? Relationship or self-esteem concerns? Want someone to talk with, to help sort things out? Dr. Ellen Greenberg, Psychologist, Bloor & Avenue Road or Eglinton West Subway, 416-944-3799. Covered by extended health.

Dr. Neil Pilkington (Psychologist). Assessment and individual, couples and group cognitive-behaviour therapy for: anxiety/phobias, depression/low selfesteem, stress and anger management, couples issues and sexual identity/orientation concerns. Staff/faculty healthcare benefits provide full coverage. Morning, afternoon and evening appointments. Downtown/TTC. 416-977-5666. Email dr.neil.pilkington@rogers.com

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Evelyn Sommers, PhD, Psychologist, provides psychotherapy and counselling for individuals and couples from age 17. Covered under U of T benefits. Yonge/Bloor. Visit www.ekslibris.ca; call 416-413-1098.

Dr. Sarah Maddocks, Psychologist, Individual and marital/couples therapy. Work stress, anxiety, depression, personal and relationship concerns and problems with eating, weight and body image. U of T benefits apply. 114 Maitland St. (Wellesley & Jarvis). 416-972-1935, ext. 3321; www. drsarahmaddocks.com

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Psychoanalysis & psychoanalytic psychotherapy for adolescents, adults, couples. U of T extended health benefits provide coverage. Dr. Klaus Wiedermann, Registered Psychologist, 1033 Bay St., ste. 204, tel: 416-962-6671.

Dr. Cindy Wahler, Registered Psychologist. Yonge/St. Clair area. Individual and couple psychotherapy. Depression, relationship difficulties, women's issues, health issues, selfesteem. U of T extended healthcare plan covers psychological services. 416-961-0899. cwahler@sympatico.ca

**Sam Minsky, PhD** (Registered Psychologist). Individual and couple psychotherapy and counselling covered under U of T extended health plan. Close to downtown campus. 647-209-9516. sam.minsky@sympatico.ca

Registered Psychologist & former Associate Professor Becky Liddle offers individual and couples counselling: anxiety, productivity, depression, trauma, LGBTQ, relationships, general psychotherapy. U of T extended health plan reimburses. Evenings available. Much more information at www.BeckyLiddle. ca; 647-989-1555.

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#### Miscellany

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#### LECTURES AT THE LEADING EDGE CHEMICAL ENGINEERING AND APPLIED CHEMISTRY, UNIVERSITY OF TORONTO

Wednesday, OCTOBER 27 Bruce Lyne Royal Institute of Technology Can Nanotechnology Help Save the Canadian Forest Products Industry?

Wednesday, NOVEMBER 3

Kristi Anseth

University of Colorado at Boulder Engineering Cell Niches in a Couple of Clicks

Wednesday, NOVEMBER 10

**David Tirrell** 

California Institute of Technology Reinterpreting the Genetic Code: Non-Canonical Amino Acids in Protein Design, Evolution & Analysis

All lectures will begin at 12:30 pm and are open to the public. Wallberg Building, 200 College Street, Rm. 116 (N.E. Corner of College and St. George Streets)

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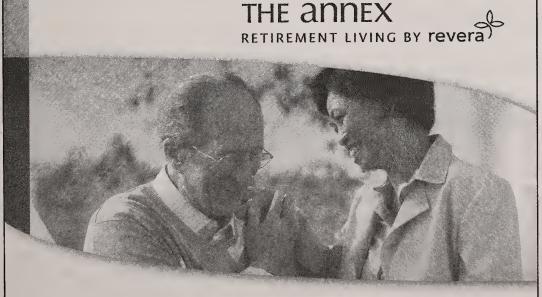


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#### LECTURES

Architecture Depends. Tuesday, October 26 Prof. Jeremy Till, University of Westminster. Room 103, 230 College St. 6:30 p.m. Architecture, Landscape

The Legacy of Assimilation: **Contemporary Misconceptions on** Japan's Colonial Policy in Korea. Monday, November 1

Prof. Mark Caprio, Rikkyo University, Tokyo. 208N Munk School of Global Affairs. 2 to 4 p.m. Study of Korea and

Continuity and Discontinuity in the Thought of Emil Fackenheim. Monday, November 1

Prof. Em. Michael Morgan, Indiana University; final in Shoshana Shier distinguished visiting lecture series. 1220 Bahen Centre for Technology. 5 p.m. Jewish Studies

Memory and Reconstruction: The Scylla and Charybdis of the Spiritual Diarist (a riff on Thomas Merton and Henri Nouwen). Monday, November 1

Prof. Michael Higgins, Sacred Heart University, Fairfield, Conn.; in conjunction with exhibition A Hidden Wholeness: The Zen Photography of Thomas Merton, Madden Hall, Carr Hall, St. Michael's College, 100 St. Joseph St. 7:30 p.m. Kelly Library

**Spaces Between the Hammer** and the Mouse.

Tuesday, November 2 Benjamin Ball, Ball Nogues Studio, Los

Angeles, Calif. Room 103, 230 College St. 6:30 p.m. Architecture, Landscape

Engineering Cell Niches in a Couple of Clicks. Wednesday, November 3 Prof. Kristi Anseth, University of Colorado at Boulder; Lectures at the Leading Edge series. 116 Wallberg Building, 12:30 p.m. Chemical Engineering & Applied Chemistry

**New Insights Into Creatine** Synthesis and Function. Wednesday, November 3 Prof. John (Sean) Brosnan, Memorial University; Edna W. Park lecture.

610 Health Sciences Building, 155 College St. 5 to 6:30 p.m. Household Science & Nutritional Sciences Alumni

**Demographic Assessment of the Holodomor Within the Context of** the 1932-1933 Famine in the USSR. Tuesday, November 9

Profs. Cleh Wolowyna, University of North Carolina at Chapel Hill; Omelan Rudnyckyj and Pavlo Shevchuk, Institute of Demography & Social Studies; annual Ukrainian famine lecture, Combination Room, Trinity College. European, Russian & Eurasian Studies, Petro Jacyk Program for the

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Reinterpreting the Genetic Code: Non-Canonical Amino Acids in Protein Design, Evolution and Analysis.

Wednesday, November 10 Prof. David Tirrell, California Institute of Technology; Lectures at the Leading Edge series. 116 Wallberg Building. 12:30 p.m. Chemical Engineering & Applied Chemistry

**Neuroethics: Coming of Age and** Facing the Future. Wednesday, November 10

Prof. James Giordano, George Mason University; annual Jus lecture in honour of Dr. Andrzej Jus. 6 Tanz Neuroscience Building. 3:10 to 4:30 p.m. Joint Centre for Bioethics

The Mathematical Animal. Wednesday, November 10 University Prof. Em. Ian Hacking, philosophy; annual Saul Goldstein memorial lecture. Kruger Hall

Commons, Woodsworth College. 4:30 p.m. Registration: 416-978-5301; events.woodsworth@utoronto.ca.

Piles, Puddles and Other Architectural Irritants. Wednesday, November 10 Prof. Timothy Hyde, Harvard University Graduate School of Design, Room 103, 230 College St. 5:30 p.m. Architecture, Landscape & Design

#### COLLOQUIA

Managing a 19th-Century Astronomer in a 20th-Century Observatory. Wednesday, November 3

Tom Williams, Rice University. 323 Old Victoria College Building. 4 to 5:30 p.m. History & Philosophy of Science & Technology and Astronomy

Time in the Data of Cholera. Wednesday, November 10 Prof. Michelle Murphy, history. 323 Old Victoria College Building 4 to 5:30 p.m. History & Philosophy of Science & Technology

#### **SEMINARS**

A Hungarian Navigates a **Dangerous Century From 'the Great** Escape' to 'Enemies of the People': A Conversation With Kati Marton. Tuesday, October 26

Kati Marton, former NPR and ABC News correspondant, Vivian & David Campbell Conference Facility, Munk School of Global Affairs, 5 to 7 p.m. Registration: http://webapp.mcis. utoronto.ca/Events.aspx. European, Russian & Eurasian Studies

**Grandparents Raising** Grandchildren: A Portrait in Resilience. Thursday, October 28 Prof. Esme Fuller-Thomson, social work. Ste. 106, 222 College St. Noon to 1:30 p.m.

Life Course & Aging

Anthropology

The Euro and Its Rivals. Friday, October 29 Gustav Peebles, New School for Social Research, New York. 208N Munk School of Global Affairs. 2 to 4 p.m. Registration: http://webapp.mcis. utoronto.ca/Events.aspx. European, Russian & Eurasian Studies and

Interactions Between Mammalian **Endogenous Retroviruses and Host** Genes.

Friday, October 29 Prof. Dixie Mager, University of British Columbia. 432 Ramsay Wright Building. 2 p.m. Cell & Systems Biology

**Texts in Their Social Contexts Including Critical Discourse** Analysis in Qualitative Research Projects.

Friday, October 29 Prof. Catherine Schryer, Ryerson University. 208 Health Sciences Building, 155 College St. Noon to 1:30 p.m. Critical Qualitative Health Research

The Ultimate Meaning of the Money Sign: Fernando Galiani Versus Adam Smith. Saturday, October 30 Anna Makolkin, Frank lacebucci Centre for Italian Canadian Studies. 205 Northrop Frye Hall, Victoria College. 10 a.m. to noon. Toronto Semiotic Circle

**Academic Enterprise** and Its Distortion. Tuesday, November 2 Prof. Em. Anthony Key, physics. Upper Dining Room, Faculty Club. 10 a.m. to noon. RSVP by Oct. 29, senior.college@ utoronto.ca. Senior College

Cultivation of 'Style': Youth-**Targeted Rural Health Programming and Youth Health** Identities in Northern Malawi. Wednesday, November 3 Lauren Classen, senior doctoral fellow.

comparative program in health and society. 208N Munk School of Global Affairs. 10 a.m. to noon. Registration: www.utoronto.cas/cphs/. Comparative Program on Health & Society

**Increasing Communication Access** to End of Life Decision-Making. Wednesday, November 3 Alexandra Carling-Rowland, McMaster University, speaker; Prof. Shelley Wall, biomedical communications. discussant; Karyn Moffatt, postdoctoral fellow, computer science, moderator, 412 Health Sciences Building, 155 College St. 3 p.m. Health Care, Technology & Place

**Local Government Efforts to** Address Climate Change. Wednesday, November 3 Scott Pasternack, Toronto Environment



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The University of Toronto Faculty Association presents the 2010 C. B. Macpherson Lecture



# The Battle for Cyberspace Democracy by Ronald Deibert

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Professor Ronald Deibert is the inaugural director of the University of Toronto's Canada Centre for Security Studies and director of the Citizen Lab. He was one of the authors of the Tracking Ghostnet and Shadows in the Cloud cyber-espionage reports, and co-author of the forthcoming book, Ghost in the Machine, about the growing geopolitical competition over cyberspace.

#### TUESDAY, NOVEMBER 16, 2010, 7:00 PM (DOORS OPEN AT 6:15 PM)

Walter Hall, Edward Johnson Building | Faculty of Music, 80 Queen's Park | Reception to follow

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Office, City of Toronto. 121 Woodworth College. 4:10 p.m. Environment

Serhiy Zhadan's Red Elvis and Arabesques Theatre. Wednesday, November 3

Prof. Myroslav Shkandrij, University of Manitoba. 108N Munk School of Global Affairs. 5 to 7 p.m. Registration: http:// webapp.mcis.utoronto.ca/Event.aspx. European, Russian & Eurasian Studies and Petro Jacyk Program for the Study of Ukraine

#### **Best Rehabilitation Practices** for Older Persons Who Sustain a Hip Fracture.

Thursday, November 4 Prof. Kathy McGilton, nursing; lifelong learning series, 208 Health Sciences Building, 155 College St. Noon to 2 p.m. RSVP: development.nursing@utoronto. ca; 416-946-7097. Advanced Studies in Professional Practice, Bloomberg Faculty of Nursing

**Skewed Competition in Established Democracies:** The Rise and Fall of Dominant Party Regimes in Europe. Thursday, November 4

Steffen Schneider, research associate, University of Bremen, 108N Munk School of Global Affairs. 2 to 4 p.m. http://webapp.mcis.utoronto.ca/Event. Registration: aspx. European, Russian & Eurasian Studies

City Election Issues. Tuesday, November 9

Prof. Em. Richard Stren, political science, and Gabriel Eidelman, PhD candidate, political science. Upper Dining Room, Faculty Club. 10 a.m. to noon. RSVP by Nov. 5, senior.college@ utoronto.ca. Senior College

#### MUSIC

#### **FACULTY OF MUSIC EDWARD JOHNSON BUILDING** Thursdays at Noon. Tuesday, October 28

Wind Spectacular in F; conducted by David Briskin. Walter Hall. 12:10 p.m.

Thursday, November 4

Claude Bolling Revival: Susan Hoeppner, flute; Robert Kortgaard, piano; Andrew Downing, bass; and Nick Fraser, drums. Walter Hall. 12:10 p.m.

**Faculty Artist Series.** Monday, November 1

NEXUS + 2x10: Percussion ensemble NEXUS and piano duo 2x10 (Midori Koga and Lydia Wong). Walter Hall. 7:30 p.m. tickets \$25, students and seniors \$15.

**Voice Performance Class.** Tuesday, November 2

Music and Motion: Tuning the Singing Body workshop with Dianne Chapitis, founder, Symphonica Dance Company. Walter Hall. 12:10 p.m.

**Discovery Series.** Tuesday, November 2

Young Artists in Recital: Jessica Strong, soprano; Marta Herman, mezzo; Bruce Ubukata, piano. Walter Hall. 7:30 p.m. Tickets \$18, students and seniors \$12.

Jazz. Wednesdays, November 3 and November 10 Small jazz ensembles. Walter Hall. 7:30 p.m.

Voice Master Class. Friday, November 5

Steuart Bedford, British conductor renowned for his definitive interpretation of Benjamin Britten's operas. Walter Hall. 3 to 5:30 p.m.

U of T Symphony Orchestra. Saturday, November 6

David Briskin, conductor. MacMillan Theatre. 7:30 p.m. Tickets \$15, students and seniors \$10.

**KNOX COLLEGE** Wednesday, November 3 Skule Orchestra Pops Concert. Chapel, Knox College. 7 p.m. Suggested

#### PLAYS & READINGS

Jane Eyre. Tuesday to Saturday, October 26 to October 30 Adapted by Robert Johanson, directed by Scot Denton. Theatre Erindale production. Erindale Studio Theatre, U of T Mississauga. Fridays and Saturdays, 8 p.m. weeknights, 7:30 p.m. Tickets \$15, students and seniors \$20. Box office: 905-569-4369; www. theatreerindale.com.

#### **FILMS**

Die Wäscherei (The Laundry Service) Thursday, October 28

Screening of the documentary Die Wäscherei (The Laundry Service), 1993, directed by Prof. Kerstin Stutterheim Konrad Wolf School of Film and Television, Potsdam, Germany, with comments by Stutterheim. 208N Munk School of Global Affairs. 4 to 6 p.m. Registration: http://webapp.mcis. utoronto.ca/Event.aspx. Joint Initiative in German & European Studies and Germanic Languages & Literature

#### **EXHIBITIONS**

**ERIC ARTHER GALLERY** JOHN H. DANIELS FACULTY OF **ARCHITECTURE, LANDSCAPE &** DESIGN

**Extreme Climates: Kuwabara** Payne McKenna Blumberg **Architects and Manitoba** Hydro Place.

To November 27 This exhibition is organized around a series of installations to reveal the inherent complexity underlying what on first glance appears to be a deceptively

simple modern glass office tower.

to 5 p.m.; Saturday, noon to 5 p.m.

Gallery hours: Monday to Friday, 9 a.m.

**U OF T ART GALLERY** Traffic: Conceptual Art in Canada 1965 to 1980. To November 28

This exhibition, premiering at U of T's four galleries (U of T Art Centre, Justina M. Barnicke Gallery, Doris McCarthy Gallery and Blackwood Gallery), is the first major account of the development of conceptual art in Canada from the mid-1960s to 1980. Laidlaw Wing, University College. Gallery hours: Tuesday to Friday, noon to 5 p.m.; Saturday, noon to 4 p.m.

JUSTINA M. BARNICKE GALLERY HART HOUSE

Traffic: Conceptual Art in Canada 1965 to 1980.

To November 28

This exhibition, premiering at U of T's four galleries (U of T Art Centre, Justina M. Barnicke Gallery, Doris McCarthy Gallery and Blackwood Gallery), is the first major account of the development of conceptual art in Canada from the mid-1960s to 1980. Both galleries. Gallery hours: Monday to Saturday, noon to 5 p.m.

BLACKWOOD GALLERY **U OF T MISSISSAUGA** Traffic: Conceptual Art in Canada 1965 to 1980.

To November 28 This exhibition, premiering at U of T's four galleries (U of T Art Centre, Justina M. Barnicke Gallery, Doris McCarthy Gallery and Blackwood Gallery), is the first major account of the development of conceptual art in Canada from the mid-1960s to 1980. Gallery hours: Monday to Friday, noon to 5 p.m.; Saturday and Sunday, noon to 3 p.m.

**DORIS McCARTHY GALLERY** U OF T SCAROBOROUGH Traffic: Conceptual Art in Canada 1965 to 1980.

To November 28

This exhibition, premiering at U of T's four galleries (U of T Art Centre, Justina M. Barnicke Gallery, Doris McCarthy

Gallery and Blackwood Gallery), is the first major account of the development of conceptual art in Canada from the mid-1960s to 1980. Wednesday to Friday, 10 a.m. to 4 p.m.; Saturday, noon to 5 p.m.

#### THOMAS FISHER RARE BOOK **LIBRARY**

Through Foreign Latitudes and Unknown Tomorrows: 300 Years of Ukrainian Émigré Political Culture. To January 14

This exhibition draws on the library's collections of Ucrainica — books, maps, documents, photographs, etc. — to situate Ukraine, to illustrate the diversity of its peoples and to show the depth of Ukrainian political activity abroad; curated by Ksenya Kiebuzinski. Hours: Monday to Wednesday and Friday, 9 a.m. to 5 p.m.; Thursday 9 a.m. to 8 p.m.

PONTIFICAL INSTITUTE OF **MEDIAEVAL STUDIES LAURENCE K. SHOOK COMMON ROOM** 

A Hidden Wholeness: The Zen Photography of Thomas Merton. November 1 to December 17

An exhibition of Thomas Merton's photography. Merton (1915-1968) was a writer and Trappist monk at Our Lady of Gethsemani Abbey near Bardstown, Kentucky; prepared by the Thomas Merton Center at Bellarmine University of Louisville. Hours: Building opening hours.

#### MISCELLANY

St. Michael's College Book Sale. Tuesday, October 26 to Saturday, October 30

Thousands of books at prices starting as low as 50 cents for paperbacks. A particularly good selection of theology, philosophy and literature and as well as classics and many, many paperbacks. Reading Room, Kelly Library, Tuesday, reception and preview, with speaker Michael Enright, CBC Radio One (\$25). 6 to 9:30 p.m.; Wednesday to Friday, 8:30 a.m. to 8 p.m.; Saturday, 10 a.m. to 2 p.m. Friends of the Kelly Library

Soldiers' Tower Memorial Room. Tuesdays, November 2 and November 9:

Wednesday, November 10 The Memorial Room will be open to visitors with the curator present. 1:30 to 4 p.m. Information: 416-978-0544; www. alumni.utoronto.ca/tower.

Faith and Politics: Religion and the Secular State. Thursday, November 4

Keith Davey forum on public affairs featuring Jean Bethke Elshtain, American political philosopher and contributing editor of The New Republic; Ahmet Kuru, scholar of religion and politics: Patrick Weil, French historian and political scientist; and Daniel Weinstock, Canada Research Chair in Ethics and Political Philosophy; moderated by Simone Chambers, author and professor of political science, U of T. Isabel Bader Theatre, Victoria University. 5 to 7:30 p.m. Victoria University

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#### **End of Life Decisions: Islamic Perspectives**

Public Lecture with Dr. Abdulaziz Sachedina ances Myers Ball Professor of Religious Studies, University of Virgin

Thursday, October 28 8:00 p.m. **Isabel Bader Theatre** 93 Charles Street West

FREE In his distinguished career as a sethicist, Dr. Sachedina has explored issues of social and political ethics, including interfaith and intrafalth relations, Islamic biomedical ethics, and Islam and human rights.



The lecture will be followed by a panel discussion at 8:45 p.m.

**Dr. Hille Haker**McCormick Chair of Moral Theology, Loyola University Chicago

Dr. David Novak

J. Richard and Dorothy Shiff Chair of Jewish Studies,
University of Toronto

Dr. Wayne Sumner Vic 6T2 Professor Ementus of Philosophy, University of

moderated by:

Dr. Ross Upshur Canada Research Chair in Primary Care Research, ector of Joint Centre for Bioethics, University of Toronto

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# ASCAL PAQUETT

# ENGAGE & COMMIT

## A CHANCELLOR'S WORDS OF ADVICE ON WHAT

## **MAKING HISTORY**

**REALLY MEANS** 

BY WENDY M. CECIL

Every new chancellor must find it most humbling to step into a role that has been filled by great leaders who have set a stellar example. Over many years as a volunteer at both Victoria University and the University of Toronto, I've had the opportunity to work with some excellent chancellors as they performed their duties and more: Rose Wolfe, Hal Jackman and David Peterson from U of T; Sang-Chul Lee, Ken Taylor and Norman Jewison from Victoria. They each shaped the role of chancellor by bringing the very best of themselves and what was important to them to the office. It is their example I intend to follow as I now assume the responsibilities of chancellor for Victoria University.

As one who truly enjoys talking with people, sharing stories and lessons learned, l will be seeking out opportunities to have many conversations with students during my term. l would like to get to know them during recruitment, meet with them when they arrive on campus in first year and then stay connected with them throughout their studies, as well as after graduation when they move to the next stage of life's journey.

In 1967, when I first arrived at Victoria, the student population was smaller, the course structure different and the beautiful Isabel Bader Theatre was a tennis court where freshmen attended an openair university dance under a starry September sky. Across Queen's Park, women were not welcome at Hart House. You could say things were different then. On the other hand, the majestic Victoria College building that we fondly call Old Vic stood proudly then as now, over a beautiful campus that was a warm and welcoming community of excellent, committed professors; caring, helpful staff; and enthusiastic, eager students. Some things never change



because they are such an essential part of our culture. They define our history and guide our future.

My installation as Victoria University's chancellor — the 13th to be precise — coincides with the commencement of Victoria's 175th anniversary year, the theme of which is Making History.

Graduates from Victoria University's two colleges, Victoria and Emmanuel, have had a powerful impact on history at the local, national and international levels and within the academic, religious, artistic, scientific and political spheres. And, as I told the students in attendance at my installation earlier this month, their turn to make an impact is coming, if they are willing to engage and commit to what Vic has to offer.

I have a personal theme to live by while chancellor, a subsection, you could call it, of Making History. It is Engage and Commit, because very little of true value can be brought about unless you do both. The education our students will receive and the opportunities they will have to grow are excellent and multiple, but they must engage with them and commit to them wholeheartedly to derive the most from their years on this campus.

Making History accurately suggests the grand scale of Victoria's impact on the world but the theme also allows room for one's personal history, and therein are the seeds of some of the conversations I look forward to having with students.

There are three subjects, you could say, I plan on revisiting in these talks in the coming years.

The first is a student's education; specifically, how they embrace their education and what they will do with it. I want them to enjoy their years at Vic. To study hard, yes, but also to participate in the community beyond the classroom, to think deeply and to then go forward and make history in the world as Vic alumni have done for 175

years. Engage and commit.

The second subject is Canada's far north. When I was a little girl, it was the poetry of Robert Service and his rollicking tales of the Yukon Gold Rush that first drew my attention to our far north: "There are strange things done, 'neath the midnight sun, by the men who moil for gold..." so goes The Cremation of Sam McGee. For the last 10 years, I have had the profound privilege and powerful joy of exploring this great swath of land: paddling thousands of miles on the whitewater rivers of the Yukon and Northwest Territories, hiking in the mountains and across the tundra, even walking into the Beaufort Sea. It is a raw, varied, fabulous wilderness for the adventurous. We Canadians are unbelievably fortunate to have so much brutally beautiful virgin territory within our boundaries, but unless it is seen and really experienced, up close in a canoe or on foot, one can never fully appreciate its

magic, its history, its challenges or its precious heritage — and why it must be protected. Engage and commit.

The third subject might come as a bit of a surprise: health and fitness. When we say Making History, l want students to grasp that through their actions they are writing not only Vic's history but their future — every day, with every small decision they make about their health. The tiny, seemingly inconsequential daily decisions about diet and exercise will actually determine what kind of future they will have. It is a future not nearly as far away as might be imagined. It comes at you much faster than you think! There are illnesses and accidents that can happen to anyone but in making the time to get serious, right now, about taking personal responsibility for those aspects of one's health that can be controlled, a far better life awaits and thus a greater opportunity to make history that really matters. Engage and commit.

There is a Brazilian saying that can be applied to each and every day: "Life is short, but there is plenty of time." As chancellor of Victoria University, I want our students to know that yes, there is time to satisfy one's intellectual curiosity, to explore one's country, to nourish one's relationships with family and friends, to volunteer in one's community and to exercise and keep healthy. I want them to be prepared to engage and commit so they can make a positive difference while they are making history.

The above article is inspired by the installation address Wendy Cecil gave Oct. 13, when she was inducted as chancellor of Victoria University. Victoria University was founded in 1836 in Cobourg, Ont., and federated with the University of Toronto in 1890. From October 2010 to October 2011, Victoria University celebrates its 175th anniversary year.